

RAW SEQUENCE LISTING

The Biotechnology Systems Branch of the Scientific and Technical
Information Center (STIC) no errors detected.

Application Serial Number: 10/578,123
Source: IFWP
Date Processed by STIC: 1/19/07

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IFWP

RAW SEQUENCE LISTING

DATE: 01/19/2007

PATENT APPLICATION: US/10/578,123

TIME: 09:37:49

Input Set : A:\55600-8013.US02-seqlist.txt

Output Set : N:\CRF4\01192007\J578123.raw

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3 <110> APPLICANT: Sokawa, Yoshihiro
4   Liu, Chih-Ping
6 <120> TITLE OF INVENTION: Method of treatment using interferon-tau
8 <130> FILE REFERENCE: 55600-8013.US02
10 <140> CURRENT APPLICATION NUMBER: US 10/578,123
11 <141> CURRENT FILING DATE: 2006-05-01
13 <150> PRIOR APPLICATION NUMBER: PCT/US04/035804
14 <151> PRIOR FILING DATE: 2004-10-27
16 <150> PRIOR APPLICATION NUMBER: US 10/719,472
17 <151> PRIOR FILING DATE: 2003-11-21
19 <150> PRIOR APPLICATION NUMBER: US 10/698,927
20 <151> PRIOR FILING DATE: 2003-10-31
22 <160> NUMBER OF SEQ ID NOS: 4
24 <170> SOFTWARE: PatentIn version 3.1
26 <210> SEQ ID NO: 1
27 <211> LENGTH: 516
28 <212> TYPE: DNA
29 <213> ORGANISM: Ovis aries
31 <400> SEQUENCE: 1
32 tgctacctgt cgcgaaaact gatgctggac gctcgagaaa atttaaaact gctggaccgt      60
34 atgaatcgat tgtctccgca cagctgcctg caagaccgga aagacttcgg tctgccgcag      120
36 gaaatgggtg aaggtgacca actgcaaaaa gaccaagctt tcccgggtact gtatgaaatg      180
38 ctgcagcagt ctttcaacct gttctacact gaacattctt cggccgcttg ggacactact      240
40 cttctagaac aactgtgcac tgggtctgcaa cagcaactgg accatctgga cacttgccgt      300
42 ggccagggtta tgggtgaaga agactctgaa ctgggtaaca tggatccgat cgttactggt      360
44 aaaaaatatt tccagggtat ctacgactac ctgcaggaaa aagggttactc tgactgcgct      420
46 tgggaaatcg tacgcgttga aatgatgcgg gccctgactg tgtcgactac tctgcaaaaa      480
48 cggttaacta aaatgggtgg tgacctgaat tctccg      516
51 <210> SEQ ID NO: 2
52 <211> LENGTH: 172
53 <212> TYPE: PRT
54 <213> ORGANISM: Ovis aries
56 <400> SEQUENCE: 2
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59 1      5      10      15
62 Leu Leu Asp Arg Met Asn Arg Leu Ser Pro His Ser Cys Leu Gln Asp
63      20      25      30
66 Arg Lys Asp Phe Gly Leu Pro Gln Glu Met Val Glu Gly Asp Gln Leu
67      35      40      45
70 Gln Lys Asp Gln Ala Phe Pro Val Leu Tyr Glu Met Leu Gln Gln Ser
71      50      55      60
74 Phe Asn Leu Phe Tyr Thr Glu His Ser Ser Ala Ala Trp Asp Thr Thr
75 65      70      75      80

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78 Leu Leu Glu Gln Leu Cys Thr Gly Leu Gln Gln Gln Leu Asp His Leu
79              85              90              95
82 Asp Thr Cys Arg Gly Gln Val Met Gly Glu Glu Asp Ser Glu Leu Gly
83              100              105              110
86 Asn Met Asp Pro Ile Val Thr Val Lys Lys Tyr Phe Gln Gly Ile Tyr
87              115              120              125
90 Asp Tyr Leu Gln Glu Lys Gly Tyr Ser Asp Cys Ala Trp Glu Ile Val
91              130              135              140
94 Arg Val Glu Met Met Arg Ala Leu Thr Val Ser Thr Thr Leu Gln Lys
95 145              150              155              160
98 Arg Leu Thr Lys Met Gly Gly Asp Leu Asn Ser Pro
99              165              170

102 <210> SEQ ID NO: 3
103 <211> LENGTH: 172
104 <212> TYPE: PRT
105 <213> ORGANISM: Artificial
107 <220> FEATURE:
108 <223> OTHER INFORMATION: recombinant IFNtau based on Ovis aries sequence
110 <400> SEQUENCE: 3
112 Cys Tyr Leu Ser Glu Arg Leu Met Leu Asp Ala Arg Glu Asn Leu Lys
113 1              5              10              15
116 Leu Leu Asp Arg Met Asn Arg Leu Ser Pro His Ser Cys Leu Gln Asp
117              20              25              30
120 Arg Lys Asp Phe Gly Leu Pro Gln Glu Met Val Glu Gly Asp Gln Leu
121              35              40              45
124 Gln Lys Asp Gln Ala Phe Pro Val Leu Tyr Glu Met Leu Gln Gln Ser
125              50              55              60
128 Phe Asn Leu Phe Tyr Thr Glu His Ser Ser Ala Ala Trp Asp Thr Thr
129 65              70              75              80
132 Leu Leu Glu Gln Leu Cys Thr Gly Leu Gln Gln Gln Leu Asp His Leu
133              85              90              95
136 Asp Thr Cys Arg Gly Gln Val Met Gly Glu Glu Asp Ser Glu Leu Gly
137              100              105              110
140 Asn Met Asp Pro Ile Val Thr Val Lys Lys Tyr Phe Gln Gly Ile Tyr
141              115              120              125
144 Asp Tyr Leu Gln Glu Lys Gly Tyr Ser Asp Cys Ala Trp Glu Ile Val
145              130              135              140
148 Arg Val Glu Met Met Arg Ala Leu Thr Val Ser Thr Thr Leu Gln Lys
149 145              150              155              160
152 Arg Leu Thr Lys Met Gly Gly Asp Leu Asn Ser Pro
153              165              170

156 <210> SEQ ID NO: 4
157 <211> LENGTH: 516
158 <212> TYPE: DNA
159 <213> ORGANISM: Artificial
161 <220> FEATURE:
162 <223> OTHER INFORMATION: recombinant IFNtau based on Ovis aries sequence
164 <400> SEQUENCE: 4
165 tgctacctgt cggagcgact gatgctggac gctcgagaaa atttaaaact gctggaccgt      60

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167	atgaatcgat	tgtctccgca	cagctgcctg	caagaccgga	aagacttcgg	tctgccgcag	120
169	gaaatgggtg	aaggtgacca	actgcaaaaa	gaccaagctt	tcccgggtact	gtatgaaatg	180
171	ctgcagcagt	ctttcaacct	gttctacact	gaacattctt	cggccgcttg	ggacactact	240
173	cttctagaac	aactgtgcac	tgggtctgcaa	cagcaactgg	accatctgga	cacttgccgt	300
175	ggccaagtta	tgggtgaaga	agactctgaa	ctgggtaaca	tggatccgat	cgttactgtt	360
177	aaaaaatatt	tccaggggat	ctacgactac	ctgcaggaaa	aaggttactc	tgactgcgct	420
179	tgggaaatcg	tacgcgttga	aatgatgcgg	gccctgactg	tgtcgactac	tctgcaaaaa	480
181	cggttaacta	aatgggtgg	tgacctgaat	tctccg			516

RAW SEQUENCE LISTING ERROR SUMMARY DATE: 01/19/2007
PATENT APPLICATION: US/10/578,123 TIME: 09:37:50

Input Set : A:\55600-8013.US02-seqlist.txt
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Invalid <213> Response:

Use of "Artificial" only as "<213> Organism" response is incomplete,
per 1.823(b) of New Sequence Rules. Valid response is Artificial Sequence.

Seq#:3,4

VERIFICATION SUMMARY

DATE: 01/19/2007

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